

FIG. 1

100120 55825200

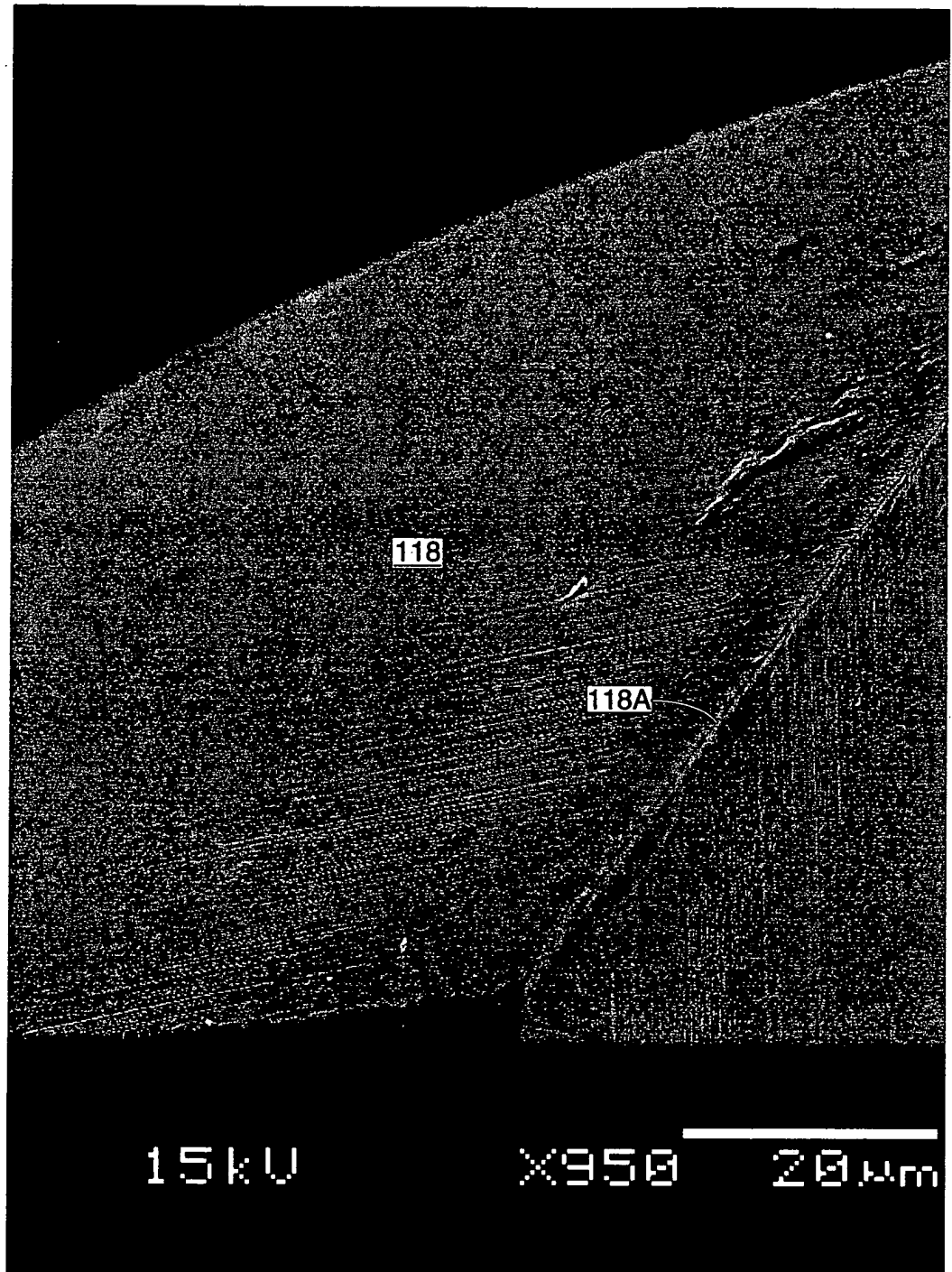


FIG. 2

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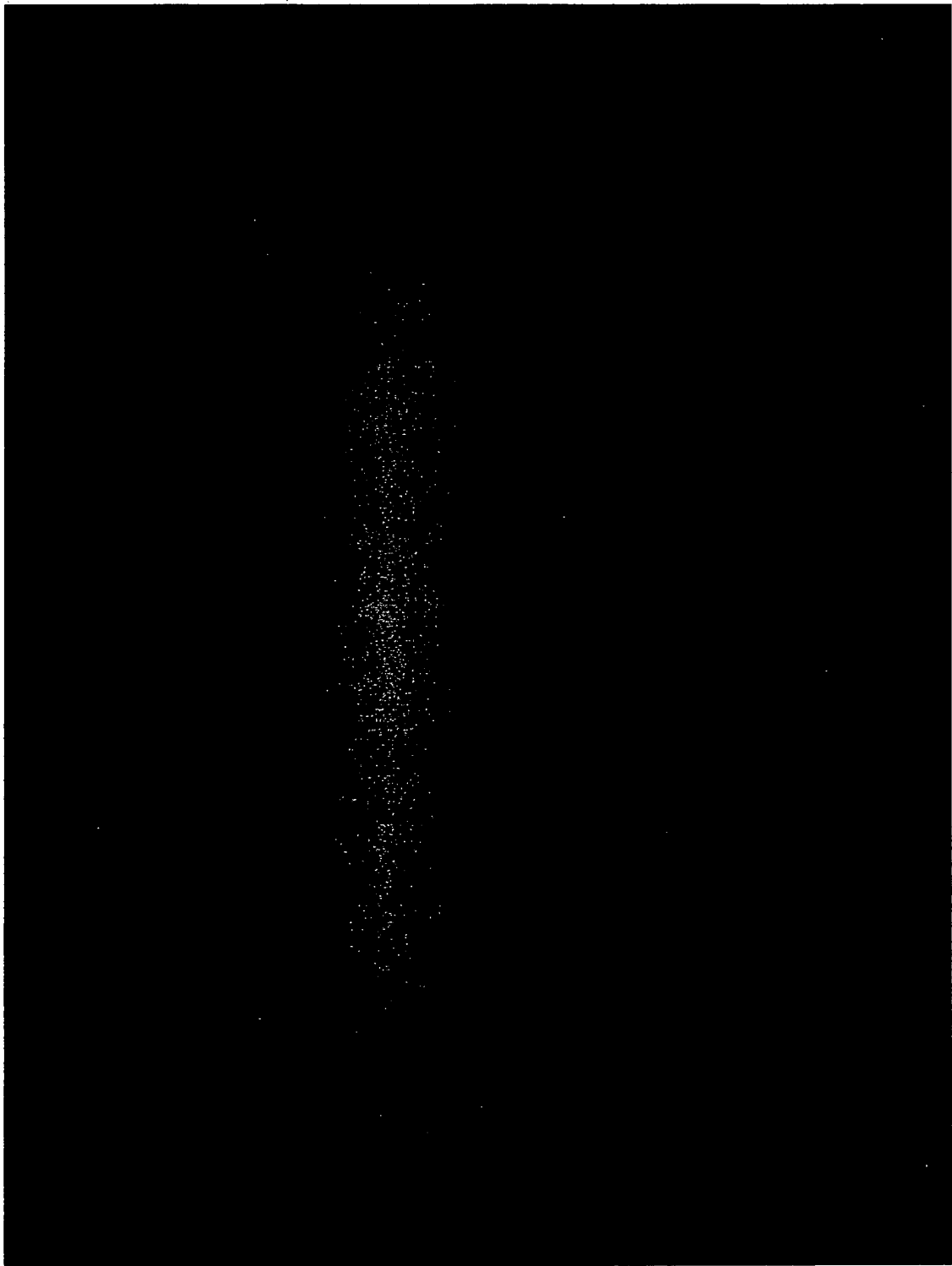


FIG. 3

TOP SECRET

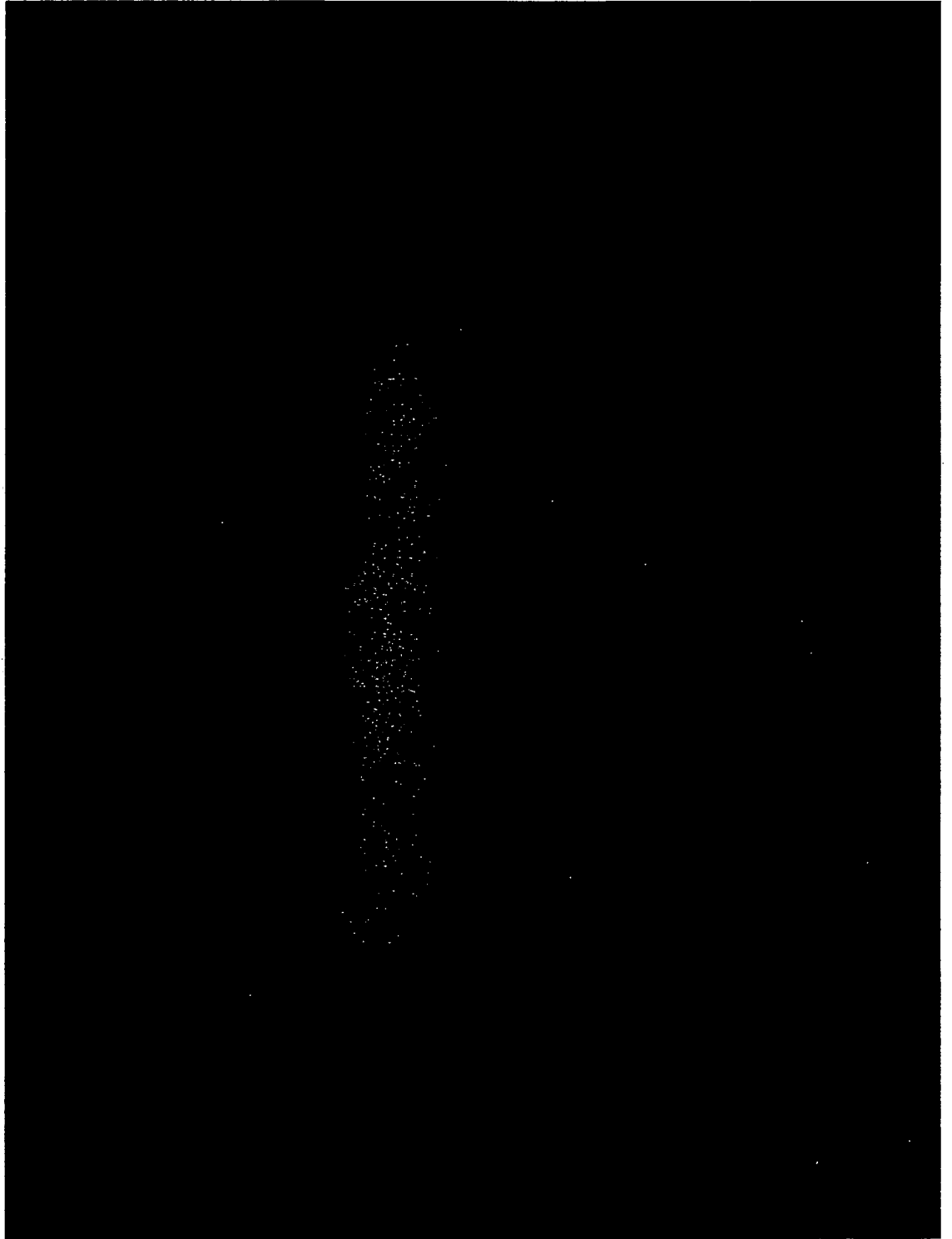


FIG. 4A

TOP SECRET

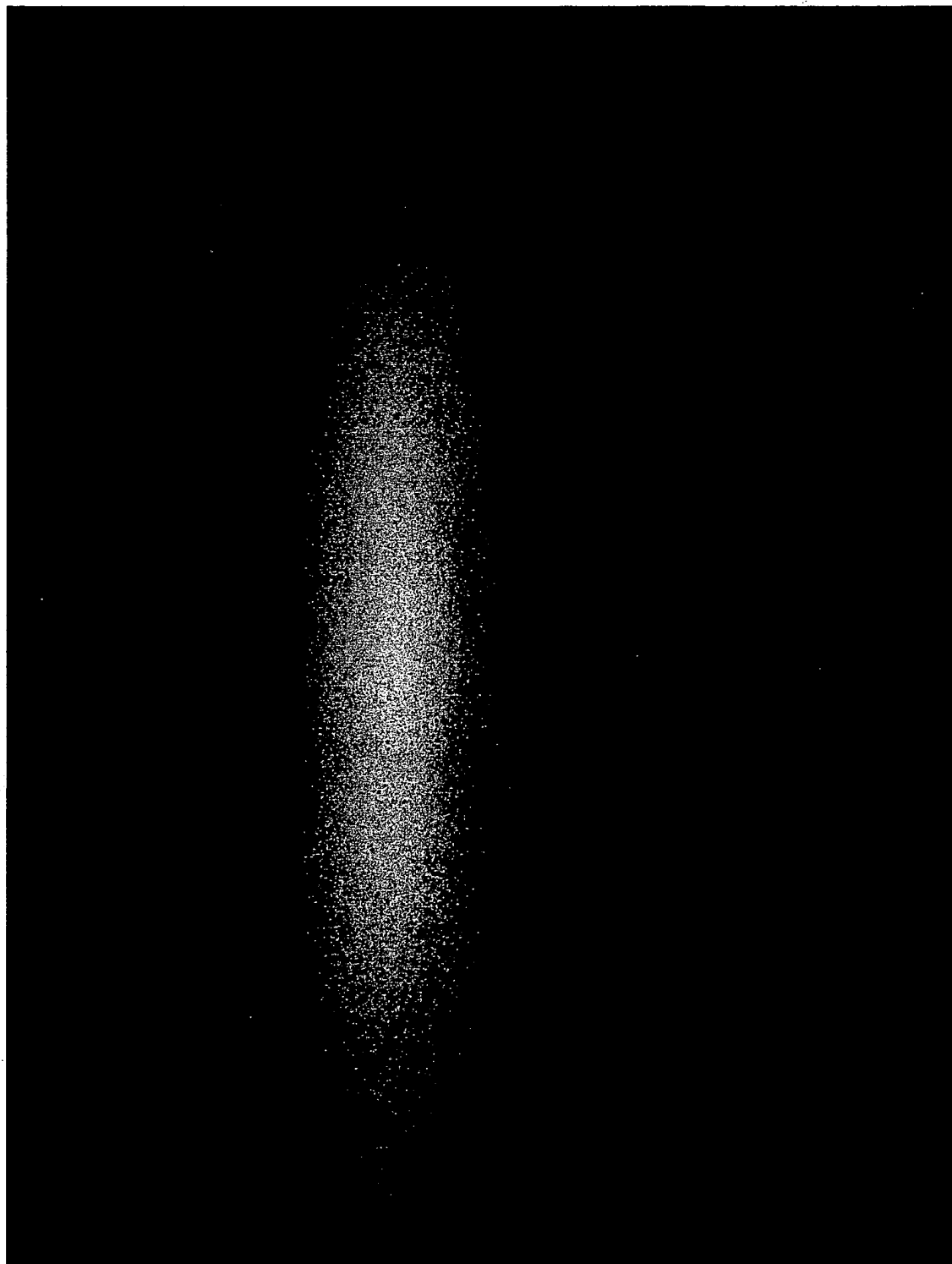


FIG. 4B

FIG. 4C

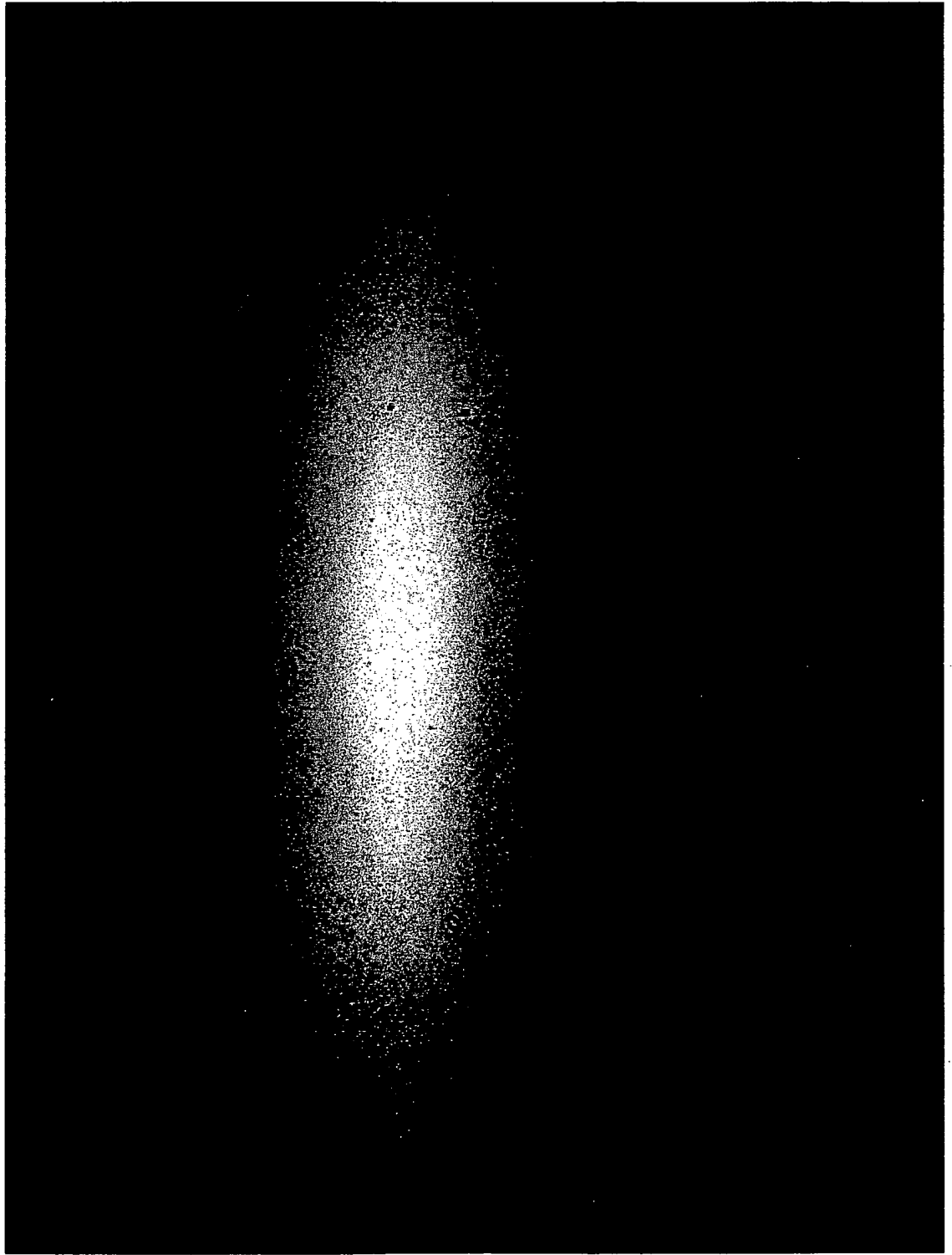


FIG. 4D

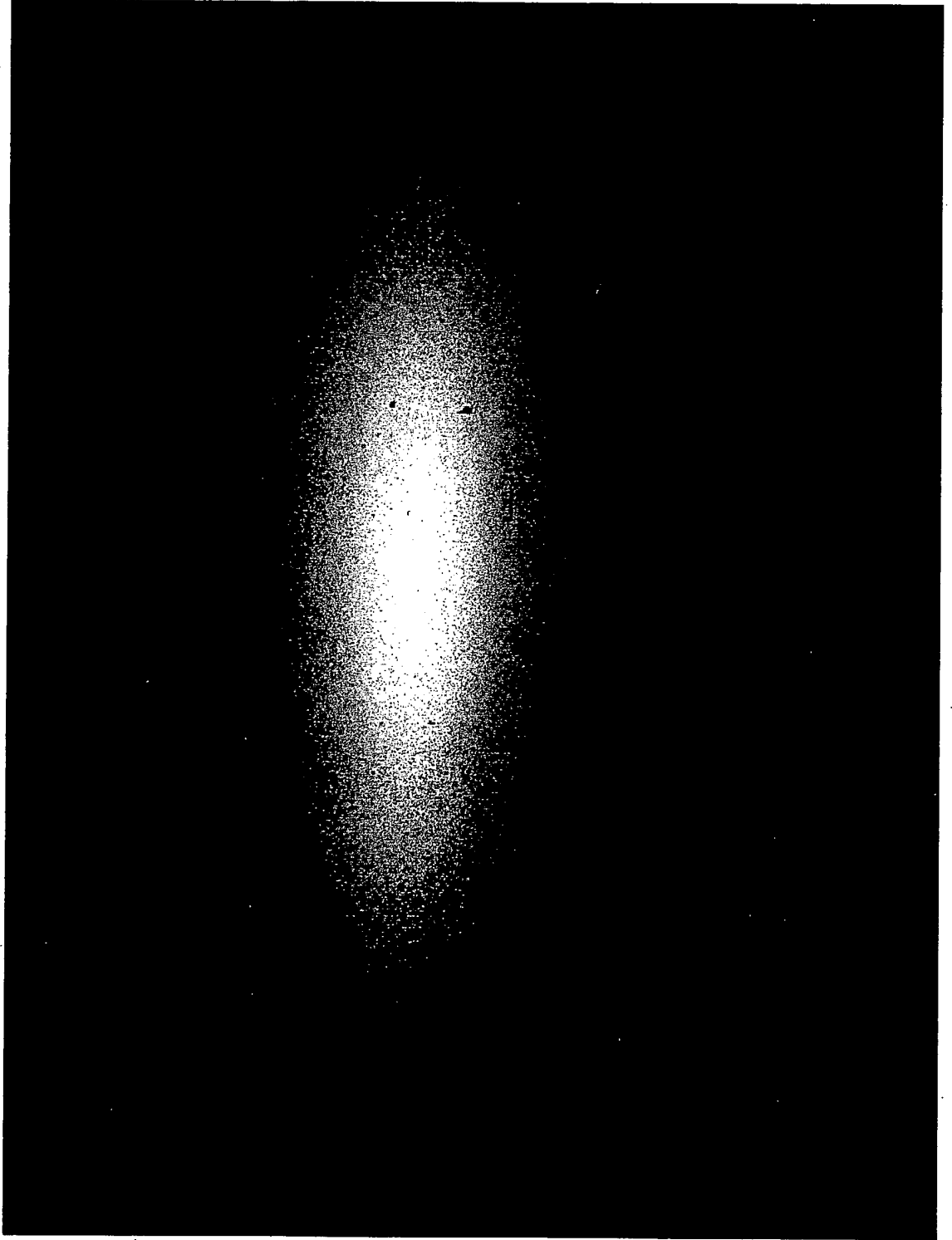


FIG. 4E

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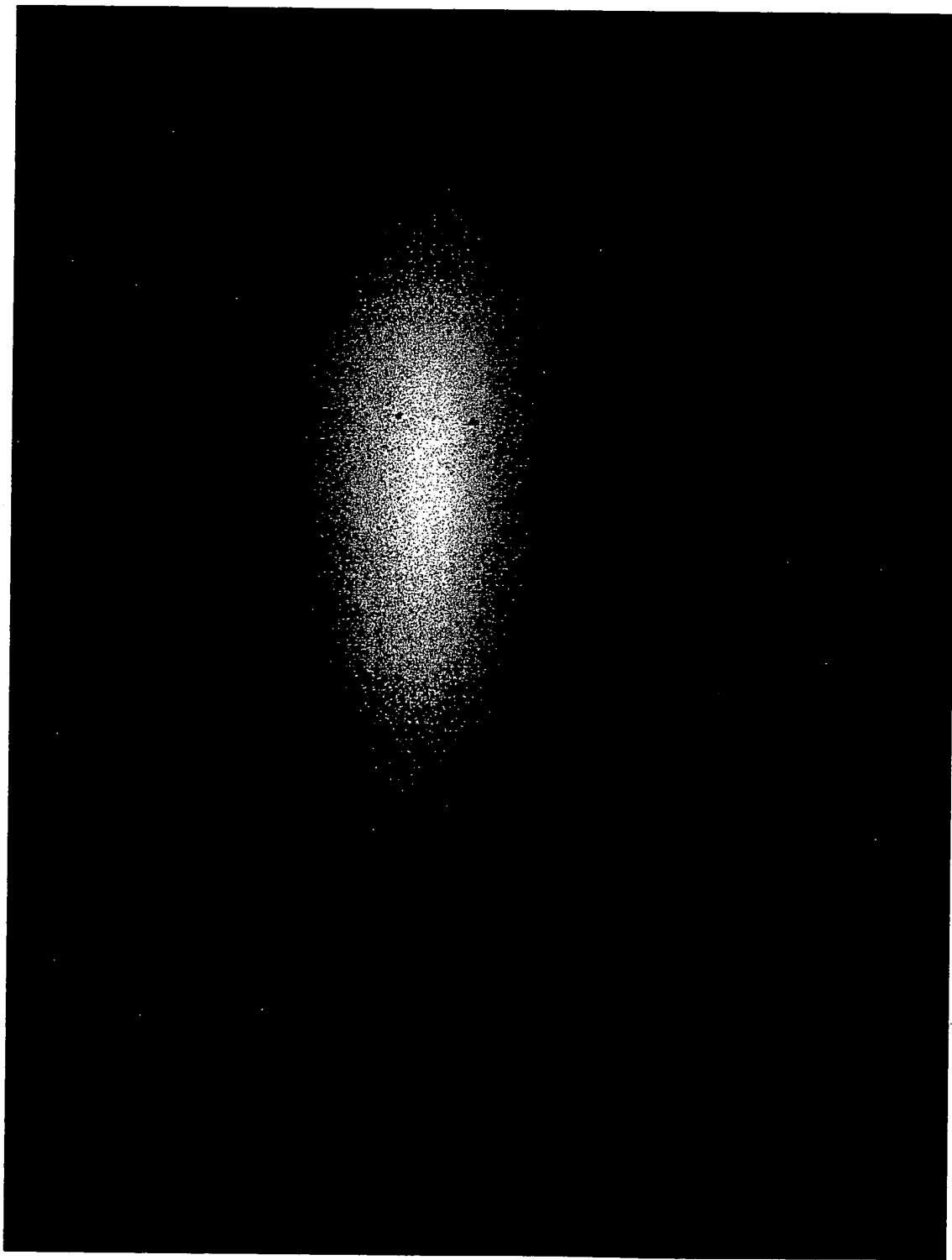


FIG. 4E





1. *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum. Chl a is essential for the light-dependent reactions of photosynthesis, where it converts light energy into chemical energy in the form of ATP and NADPH.